3249 Fitzgerald Road Rancho Cordova, CA 95742

November 21, 2008

CLS Work Order #: CRK0319

COC #: 94810,13

Jeff Huggins CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova, CA 95670-6114

Project Name: Walker Mine

Enclosed are the results of analyses for samples received by the laboratory on 11-10-08 09:40. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

James Liang, Ph.D. Laboratory Director

C4-00001-0.0057PM defected into 9 Al - 0.020 pm SPECIAL INSTRUCTIONS 70-0000 Du 94810 Fe - 0.050 pm AS- 0.005 pm Please Wethe Notes this is one bottle only PRINT NAME / COMPANY ≅] YES following of Lawer ALT. LOG NO. NVOICE TO: QUOTE # GEOTRACKER **EDF REPORT** or YAG TURN AROUND TIME GLOBAL ID: FIELD CONDITIONS: Sin 10/e S YAQ CONDITIONS / COMMENTS: CLS ID No.; CRK OZIG AIR BILL# (3) = COLD (4) = NaOH COMPOSITE S YAG RECEIVED BY (SIGN) YAG 少いるできく ANALYSIS REQUESTED (1) HCL (2) HNO₃ 11-7-CD/2100HRS 3006 DATE / TIME ひため OTHER CHAIN OF CUSTODY 3249 FITZGERALD RD. RANCHO CORDOVA, CA. 95742 Sample for Fall CLS (916) 638-7301 DESTINATION LABORATORY CONTAINER CLIENT JOB NUMBER Jeff S. Hugins/Ruscia Ø DATE/TIME: PRINT NAME / COMPANY OTHER Wate MATRIX W Brawns (abin C. Coloci Del PHONE# 464-4639 GC Besel Maked Valley Regional Water Book JOB DESCRIPTION Water Quelity Hanitaring 92670 MM-1. Postal IDENTIFICATION 1-Pond -48"C COUNTY Y eticia Valadez 14499:05 FED X REPORT TO: WM-Z. PROJECT NAME NO [LE/ M. JE しーガス WM-19 NT-N 0852 NM-3 5-MW 38 RELINQUISHED BY (SIGN) P 1 MM 11 ize ho WM-C NW - A 1-MM SIES SAMPLED BY THE HURGINS SON SITE LOCATION PLUMES Cordock PROJECT MANAGER TEST CLS - Labs SUSPECTED CONSTITUENTS 1045 1150 01,80 82-6-11 1135 11.20 772 SHIPPED BY: NAME AND ADDRESS REC'D AT LAB BY: 32/1-11 DATE

detection in with let lower 14- 0.00(-0.005 ppm **9** Pleye use the full own mg SPECIAL INSTRUCTIONS LOG NO. 94813 Fe-0,050 pm 7n-0.002 PM A1-0,020 ppm As-0,005ppm PRINT NAME / COMPANY ≅ ☐ YES ALT. (5) = H_2SO_4 (6) = $Na_2S_2O_3$ INVOICE TO: QUOTE # P.O. # GEOTRACKER: ۱0 YAG **EDF REPORT TURN AROUND TIME** GLOBAL ID: FIELD CONDITIONS: s YAQ CONDITIONS / COMMENTS: CLS ID No.; CR KO 319 (3) = COLD (4) = NaOH COMPOSITE: s YAO 206 RECEIVED BY (SIGN) r YAQ AMALYSIS REQUESTED (1) HCL (2) HNO₃ SAF S. H-41115/RWACB (11-7-08/2100HBS PRESERVATIVES: DATE / TIME 120 | ROLF 60 OTHER CHAIN OF CUSTODY CLS (916) 638-7301 3249 FITZGERALD RD. RANCHO CORDOVA, CA. 95742 TYPE DESTINATION LABORATORY 0 CONTAINER CLIENT JOB NUMBER DATE/TIME: ģ 1330 WM-11 - DM: NO Sample **PRINT NAME / COMPANY** OTHER Water Wate/ 54 tel Wite Water MATRIX reek wher UPS 6594-474 316 Larso Court JOB DESCRIPTION METEL BURLLY Menitoring Valley Regional Work Boar U M M M N M N MY WM-12-MBDU 95670 SAMPLE SAMPLE IDENTIFICATION 114 1350 WM-13-Nye NAME AND ADDRESS REFICIG Valudez 1230 NM-7a SAMPLED BY-IEST HUGGINS/ROLD 7 - WW 217-MM/205/130-7-11 REPORT TO: WM-12 FEDX RELINQUISHED BY (SIGN) Son MANAGER HUGGIO -crdorla PROJECT NAME MAG SITE LOCATION) LEAVES CLS - Labs 0161 SUSPECTED CONSTITUENTS 14/60 TIME SHIPPED BY: Rancho REC'D AT LAB BY DATE

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11-21-08 08:03

CRWQCB - Sacramento

11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: PCA 13180

Project Manager: Jeff Huggins

CLS Work Order #: CRK0319

COC #: 94810,13

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilutio	n Batch	Prepared	Analyzed	Method	Note
	Sampled: 11-07-(eceived: 11	-10-08 0	9:40				
Cotal Alkalinity	64	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	1,,11
Bicarbonate as CaCO3	64	5.0	n	IF	ti	n	tt	II.	
Carbonate as CaCO3	ND	5.0	ır	11	U	n	11	и,	
Hydroxide as CaCO3	ND	5.0	It	n	n	u	n	u ·	
Chloride	0.65	0.50	It	11	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	110	. 1.0	μmhos/cm	n	CR09457	11-10-08	11-10-08	EPA 120.1	
lexavalent Chromium	. ND	10	μg/L	11	CR09454	11-10-08	11-10-08	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	w ,	11	"	n	n	n '	HT-
Methylene Blue Active Substances	ND	0.10	mg/L	11	CR09493	11-11-08	11-11-08	SM5540 C	HT-
Calcium	11	1.0	It	п	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	4.6	1.0	it.	11	Ħ	11	11	н	
Potassium	ND	1.0	II	11	0	n	" H	п	
Sodium	5.3	1.0	If	11	ti	. 11	**	11	
Hardness as CaCO3	46	1.0	It	11	n	n	11	n	
ЭН	7.51	0.01	pH Units	Ħ	CR09453	11-10-08	11-10-08	SM4500-H B	НТ-1
Sulfate as SO4	1.1	0.50	mg/L	**	CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	86	10	"	11	CR09491	11-11-08	11-13-08	SM2540C	
WM-5 LGC/U/S (CRK0319-02) Water	r Sampled: 11-0	7-08 08:40	Received	: 11-10-0	8 09:40				
Fotal Alkalinity	56	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	56	5.0	11	If	н	н	Ħ	H	
Carbonate as CaCO3	ND	5.0	11	11	11	Ħ	n	II.	
Hydroxide as CaCO3	ND	5.0	11	ij	11	. 11	Ħ	n	
Chloride	2.3	0.50	n	u	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	120	1.0	μmhos/cm	n	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	. "	CR09493	11-11-08	11-11-08	SM5540 C	HT-
Calcium	11	. 1.0	н	11	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	5.3	1.0	н	11	II.	ıı	н	п	
Potassium	1.8	1.0	II.	11		. "	11	11	
Sodium	4.2	1.0	11	11	n	**	11	11	
Hardness as CaCO3	49	1.0	u	11	11	Ħ	If	11	
. YY	•							03 (4600 TT D	T T T T
H	7.28	0.01	pH Units	n	CR09453	11-10-08	11-10-08	SM4500-H B	HT-I

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CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114 Project: Walker Mine Project Number: PCA 13180

CLS Work Order #: CRK0319

COC #: 94810,13

Conventional Chemistry Parameters by APHA/EPA Methods

Project Manager: Jeff Huggins

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
WM-5 LGC/U/S (CRK0319-02) Water	Sampled: 11-0	07-08 08:40	Received:	11-10-0	8 09:40				
Total Dissolved Solids	. 92	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
WM-3 DC-D/S (CRK0319-03) Water	Sampled: 11-07	7-08 08:53 I	Received: 1	11-10-08	09:40	_			
Total Alkalinity	59	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	. 59	5.0	II.	11	II .	"	11	"	
Carbonate as CaCO3	ND	5.0	и	11	11	U	11	n	
Hydroxide as CaCO3	ND	5.0	и	11	11	n	. 11	u	
Chloride	1.1	0.50	II	11	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	130	1.0	μmhos/cm	u	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	*1	CR09493	11-11-08	11-11-08	SM5540 C	HT-
Calcium	14	1.0	11	u	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	7.0	1.0	11	11	11	11	11	II .	
Potassium	1.2	1.0	11	u,	11	11	If	н	
Sodium	3.5	1.0	11	11	11	11	11	II	
Hardness as CaCO3	63	1.0	"	ti	11	11	11	II	
Н	7,56	0.01	pH Units	u	CR09453	11-10-08	11-10-08	SM4500-H B	HT-I
Sulfate as SO4	5.0	0.50	mg/L	n	CR09470	11-11-08	11-11-08	EPA 300.0	
Fotal Dissolved Solids	97	10	"	u	CR09491	11-11-08	11-13-08	SM2540C	
WM-2 DC-U/S (CRK0319-04) Water	Sampled: 11-07	-08 09:25 I	Received: 1	11-10-08	09:40				
Fotal Alkalinity	73	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	73	5.0	11	11		If	II .	If	
Carbonate as CaCO3	ND	5.0	n	*1	11	11	н	u	
Hydroxide as CaCO3	ND	5.0	и	11	Ħ	11	u	11	
Chloride	0.79	0.50	II	*1	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	140	1.0	μmhos/cm	fI	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	11	CR09493	11-11-08	11-11-08	SM5540 C	HT-
Calcium	14	1.0	. #	11	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	7.9	1.0	11	11	и	It	11	11	
Potassium	1.1	1.0	ıı	и	и	If			
Sodium	3.1	1.0	ıt	11	II .	It	11	"	
Hardness as CaCO3	68	1.0	ıı.	11	II.	R	11	н	
oH	7.68	0.01	pH Units	It	CR09453	11-10-08	11-10-08	SM4500-H B	HT-I
Sulfate as SO4	ND	0.01	pri Oma		0.000 100	11 10 00	11 10 00		

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11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: PCA 13180

Project Manager: Jeff Huggins

CLS Work Order #: CRK0319

COC #: 94810,13

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-2 DC-U/S (CRK0319-04) Water	Sampled: 11-07	'-08 09:25 I	Received:	11-10-08	09:40				
Total Dissolved Solids	110	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
WM-19 Pond (CRK0319-05) Water	Sampled: 11-07-0	08 10:45 Re	eceived: 1	l-10-08 0 <u>9</u>	9:40				
Total Alkalinity	29	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	29	5.0	11	н	11	11	11	11	
Carbonate as CaCO3	ND	5.0	11	н	tt	11	H	11	
Hydroxide as CaCO3	ND	5.0	11	11	II	18	Ħ	11	
Chloride	0.76	0.50		11	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	200	1.0	μmhos/cm	. 11	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L .	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	23	1.0	If		CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	5.9	1.0	11	11	u	n	H	u u	
Potassium	2.7	1.0	II	. 0	Ħ	II.	11	11	
Sodium	7.0	1.0	It	11	· н	u	tt	H -	
Hardness as CaCO3	82	1.0	n	IJ	n	li .	II	H.	
рН	7.19	0.01	pH Units	n	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	69	2.5	mg/L	. 5	CR09470	11-11-08	11-12-08	EPA 300.0	
Total Dissolved Solids	160	10	11	1	CR09491	11-11-08	11-13-08	SM2540C	
WM-4 48'' Culvert (CRK0319-06) Wa	ter Sampled: 1	1-07-08 11:0	00 Receiv	ed: 11-10	-08 09:40				
Total Alkalinity	61	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	61	5.0	11	11	11	11	Ħ	Ħ	
Carbonate as CaCO3	ND	5.0	11	11	IF	, 11	н	Ħ	
Hydroxide as CaCO3	ND	5.0	II	11	11	ır	H	11	
Chloride	1.1	0.50	II .	u	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	130	1.0	μmhos/cm	ti	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	*11	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	13	1.0	11	и.	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	6.9	1.0	**	11	II	11	n	n	
Potassium	1.2	1.0	11	11	H	и	Ħ		
Sodium	3.6	1.0	11	н	tt	ij.	"	11	
Hardness as CaCO3	60	1.0	u	н	**	u.	11	H	
1111 011 VOD NO ON OOD		1.0							
рH	7.69	0.01	pH Units		CR09453	11-10-08	11-10-08	SM4500-H B	HT-F

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11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: PCA 13180

Project Manager: Jeff Huggins

CLS Work Order #: CRK0319

COC #: 94810,13

Analyte	Result	Reporting Limit	Units	Dilution	n Batch	Prepared	Analyzed	Method	Notes
WM-4 48" Culvert (CRK0319-06) Water	Sampled: 1	1-07-08 11:0	00 Receiv	ed: 11-10	0-08 09:40				
Total Dissolved Solids	100	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
WM-9 Browns Cabin (CRK0319-07) Wat	er Sampled	l: 11-07-08 1	1:20 Rec	eived: 11	-10-08 09:4	10			
Total Alkalinity	61	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	61	5.0	41	**	II	· ·	11	11	
Carbonate as CaCO3	ND	5.0	11	11	11	II .	II	II .	
Hydroxide as CaCO3	ND	5.0	11	11	II	11	II.	11	
Chloride	1.1	0.50	tt	**	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	140	1.0	μmhos/cm	11	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	ti	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	16	1.0	n	u	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	5.6	1.0	n	n	It	п	If	11	
Potassium	2.0	1.0	n	n	II	11	II	ıı ı	
Sodium	4.7	1.0	u	n	II	11	11	11	
Hardness as CaCO3	63	1.0	n	ti	If	11	11	11	
рН	7.76	0.01	pH Units	п	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	12	0.50	mg/L		CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	110	10	"	"	CR09491	11-11-08	11-13-08	SM2540C	
WM-8 LGC Below DC (CRK0319-08) Wa	ater Sample	ed: 11-07-08	11:35 Re	ceived: 1	1-10-08 09	:40			
Total Alkalinity	62	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	62	5.0	11	If	n	Ħ	Ħ	**	
Carbonate as CaCO3	ND	5.0	. 11	19	. 11	11	n	11	
Hydroxide as CaCO3	ND	5.0	11	If	It	u	n	#	
Chloride	1.1	0.50	n	11	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	150	1.0	μmhos/cm	n	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	n	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	15	1.0	11	e e	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	5.8	1.0	Ħ	. 11	11	11	н	11	
Potassium	2.2	1.0	11		11		Ħ	11	
Sodium	4.5	1.0	11	11	ıı .	11	11	11	
Hardness as CaCO3	62	1.0	ii .	11	11	11	п	ti .	
pH	7.67	0.01	pH_Units	R	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	12	0.50	•	11	CR09470	11-11-08	11-11-08	EPA 300.0	
Surface as SU4	12	0.30	mg/L		CKU94/0	11-11-08	11-11-06	1111100.0	

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

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11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

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Project Manager: Jeff Huggins

CLS Work Order #: CRK0319

COC #: 94810,13

Analyte	Result	Reporting Limit	Units	Dilution	n Batch	Prepared	Analyzed	Method	Notes
WM-8 LGC Below DC (CRK0319-08) Wa	ter Sample	d: 11-07-08	11:35 Re	ceived: 1	11-10-08 09	:40			
Total Dissolved Solids	110	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
WM-7 LGC Above DC (CRK0319-09) Wa	iter Sample	d: 11-07-08	11:45 Re	ceived: 1	11-10-08 09	:40			
Total Alkalinity	62	5.0	mg/L	, 1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	62	5.0	"	"	n	H	н	11	
Carbonate as CaCO3	ND	5.0	n	IJ	"	"	11	11	
Hydroxide as CaCO3	ND	5.0	u	"	**	11	If	If	
Chloride	1.1	0.50	n	n	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	140	1.0	μmhos/cm	u	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	n	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	16	1.0	11	11	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	5.5	1.0	11	"	11	я	11	н	
Potassium	2.0	1.0	11	11	n	11	**	n .	
Sodium	4.6	1.0	и	. "	н	. 11,	**	u	
Hardness as CaCO3	63	1.0	н	11	n	n	**	n	
pH	7.60	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	12	0.50	mg/L	н	CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	110	10	11. g. 22	н	CR09491	11-11-08	11-13-08	SM2540C	
WM-6 USFS Dam (CRK0319-10) Water	Sampled: 11		0 Receive	ed: 11-10					
Total Alkalinity	69	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	69	5.0	g. ~	11	11	11 ,	н	R	
Carbonate as CaCO3	ND	5.0	ti .	11	, u	и	ıı	H	
Hydroxide as CaCO3	ND	5.0	11	11	n	If	U	u	
Chloride	1.0	0.50	11	17	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	160	1.0	μmhos/cm	n	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	Ħ	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	17	1.0	"	91	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	6.5	1.0	n	91	ı,	11	11	n .	
Potassium	2.4	1.0	**	11	u	11	"	11	
Sodium	4.6	1.0	n	11	11	II	11	н	
Hardness as CaCO3	68	1.0	11	0	11	If	. "	11	
pH	7.62	0.01	pH Units	11	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
•	13	0.50	•	11	CR09433 CR09470	11-10-08	11-11-08	EPA 300.0	
Sulfate as SO4	13	0.50	mg/L			11-11-00	11-11-00	2111200.0	

11-21-08 08:03

CRWQCB - Sacramento

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Rancho Cordova CA, 95670-6114

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CLS Work Order #: CRK0319

COC #: 94810,13

Analyte	Result	Reporting Limit	Units	Dilution	n Batch	Prepared	Analyzed	Method	Notes
WM-6 USFS Dam (CRK0319-10) Wa	ter Sampled: 11-0'	7-08 11:5	0 Receive	d: 11-10	-08 09:40				
Total Dissolved Solids	100	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
WM-7B (CRK0319-11) Water Samp	pled: 11-07-08 12:05	Receive	ed: 11-10-0	8 09:40					
Total Alkalinity	63	5.0	mg/L	. 1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	63	5.0	II	11	II .	. 11	If	n .	
Carbonate as CaCO3	ND	5.0	II.	l†	II.	H	II	ti	
Hydroxide as CaCO3	ND	5.0	II.	11	"	11	"	u	
Chloride	1.2	0.50	II .	u	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	140	1.0	μmhos/cm	lf	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	11	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	13	1.0	u .	If	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	6.4	1.0	II	I†	11	II.	11	11	
Potassium	1.6	1.0	u	n	11	tf .	11	19	
Sodium	4.0	1.0	11	u	11	u u	11	11	
Hardness as CaCO3	58	1.0	n	9	11	u	11	. 19	
Н	7.93	0.01	pH Units	n	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	6.1	0.50	mg/L	n	CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	97	10	н	n	CR09491	11-11-08	11-13-08	SM2540C	
WM-7C (CRK0319-12) Water Sam	pled: 11-07-08 12:10	Receive	ed: 11-10-0	8 09:40					
Total Alkalinity	63	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	63	5.0	n	11	U	17	u	11	
Carbonate as CaCO3	ND	5.0	n		n	11	n	Ħ	
Hydroxide as CaCO3	ND	5.0	ti	11	u	.11	11	11	
Chloride	1.0	0.50	*1	u	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	140	1.0	μmhos/cm	n	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	**	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	18	1.0	19	**	CR09658	11-17-08	11-18-08	200.7/2340B	
Magnesium	5.1	1.0	11	#	11	11	11	11	
Potassium	1.9	1.0	u	18	19	"	11	н	
Sodium	4.7	1.0	n	"	u	11	11	II.	•
Hardness as CaCO3	65	1.0	*1	11	п	11	19	n	
рН	7.31	0.01	pH Units	н	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	9.1	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	

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CRWQCB - Sacramento

11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: PCA 13180

Project Manager: Jeff Huggins

CLS Work Order #: CRK0319

COC #: 94810,13

Analyte	Result	Reporting Limit	Units	Dilution	n Batch	Prepared	Analyzed	Method	Notes
WM-7C (CRK0319-12) Water Samp	led: 11-07-08 12:10	Receive	ed: 11-10-0	8 09:40					
Total Dissolved Solids	110	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
WM-7A (CRK0319-13) Water Samp	led: 11-07-08 12:30	Receive	ed: 11-10-0	8 09:40					
Total Alkalinity	65	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	65	5.0	II	tt	H	l)	u	If 3	
Carbonate as CaCO3	ND	5.0	ıı	н	11	11	11	H .	
Hydroxide as CaCO3	ND	5.0	u	11	11	11	H ·	II	
Chloride	1.1	0.50	. "	н	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	140	1.0	μmhos/cm	. 11	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	11	CR09493	11-11-08	11-11-08	SM5540 C	HT-
Calcium	14	1.0	n	11	CR09658	11-17-08	11-18-08	200.7/2340B	
Magnesium	6.6	1.0	ıı	11	11	11	n	Ħ	
Potassium	1.3	1.0	11	11	и.	11	11	11	
Sodium	3.9	1.0	n	11	tt	*1	11	11	
Hardness as CaCO3	62	1.0	u	11	ŧŧ	11	11	. 11	
pH	7.90	0.01	pH Units	11	CR09453	11-10-08	11-10-08	SM4500-H B	HT-I
Sulfate as SO4	5.8	0.50	mg/L	11	CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	99	10	ıı .	11	CR09491	11-11-08	11-13-08	SM2540C	
WM-12 MBWC (CRK0319-14) Water	Sampled: 11-07-0	8 13:40	Received:	11-10-0	8 09:40				
Total Alkalinity	13	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	13	5.0	*1	11	19	II.	. 4	II .	
Carbonate as CaCO3	ND	5.0	11	n	ú	11	Ħ	п	
Hydroxide as CaCO3	ND	5.0	11	u	*1	U	n	и.	
Chloride	0.87	0.50	19	ti	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	32	1.0	μmhos/cm	n .	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	11	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	2.8	1.0	ti	11	CR09658	11-17-08	11-18-08	200.7/2340B	
Magnesium	1.2	1.0	Ħ	n	11	II	n .	11	
Potassium	ND	1.0	11	u	Ħ	II.	Ħ	11	
Sodium	1.3	1.0	11	u	II	II	. "	11	
Hardness as CaCO3	12	1.0	11	• н	Ħ	II	и	11	
рН								C) (4500 II D	T T00 T
hii	6.40	0.01	pH Units	11	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F

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CRWQCB - Sacramento

11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: PCA 13180

Project Manager: Jeff Huggins

CLS Work Order #: CRK0319

COC #: 94810,13

Analyte	Result	Reporting Limit		Dilution	Batch	Prepared	Analyzed	Method	Note
WM-12 MBWC (CRK0319-14) Water	Sampled: 11-0	07-08 13:40	Received:	11-10-0	8 09:40				
Total Dissolved Solids	19	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
WM-13 Nye Creek (CRK0319-15) Wate	er Sampled: 1	1-07-08, 13:	50 Receive	ed: 11-10	-08 09:40				
Total Alkalinity	60	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	60	5.0	U	U	"	11	"	11	
Carbonate as CaCO3	ND	5.0	u	19	Ħ	n '	11	91	
Hydroxide as CaCO3	ND	5.0	II	lf .	H	11	11	11	
Chloride	1.2	0.50	"	, it	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	120	1.0	μmhos/cm	It	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	If	CR09493	11-11-08	11-11-08	SM5540 C	HT-
Calcium	. 13	1.0	If	It	CR09658	11-17-08	11-18-08	200.7/2340B	
Magnesium	6.1	1.0	H	It	II.	n	11	11	
Potassium	ND	1.0	tt	It	11	n ·	"	11	
Sodium	2.9	1.0	Ħ	н	11	u	n	11	
Hardness as CaCO3	59	1.0	н	II	11	н	n	11	
рН	6.78	0.01	pH Units	n	CR09453	11-10-08	11-10-08	SM4500-H B	HT-
Sulfate as SO4	ND	0.50	mg/L	н	CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	78	10	"	11	CR09491	11-11-08	11-13-08	SM2540C	
WM-17 NBWC (CRK0319-16) Water	Sampled: 11-0	7-08 14:00	Received:	11-10-08	09:40				
Total Alkalinity	79	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	79	5.0	и.	. 11	II	ii .	Ħ	"	
Carbonate as CaCO3	ND	5.0	"	If	11	ıı	n	*1	
Hydroxide as CaCO3	ND	5:0	11	II	11	"	n	n	
Chloride	0.73	0.50	H	R	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	150	1.0	μmhos/cm	11	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	11	CR09493	11-11-08	11-11-08	SM5540 C	HT-
Calcium	. 18	1.0	11	19	CR09658	11-17-08	11-18-08	200.7/2340B	
Magnesium	7.5	1.0	11		n	u	н	11	
Potassium	1.8	1.0	*1		**	**	11	11	•
Sodium	3.7	1.0	11	Ħ	**	"	. 11	11	
Hardness as CaCO3	76	1.0	11	"	"	11	11	. 11	
pH	7.92	0.01	pH Units	11	CR09453	11-10-08	11-10-08	SM4500-H B	HT-
<u>-</u>		0.50	•	11				EPA 300.0	
Sulfate as SO4	0.62	0.50	mg/L		CR09470	11-11 - 08	11-11-08	, LIA 300.0	

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CRWQCB - Sacramento

11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: PCA 13180

Project Manager: Jeff Huggins

CLS Work Order #: CRK0319

COC #: 94810,13

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-17 NBWC (CRK0319-16) Water	Sampled: 11-07-	08 14:00	Received	: 11-10-08	09:40				
Total Dissolved Solids	110	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	

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CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114 Project: Walker Mine Project Number: PCA 13180

Project Manager: Jeff Huggins

CLS Work Order #: CRK0319

COC #: 94810,13

Metals by EPA 200 Series Methods

ND 10 97 ND 23 ND mpled: 11-00 ND ND ND	20 2.0 1.0 50 2.0 0.50 0.7-08 08:40	μg/L " " "	1-10-08 0	.CR09497	11-11-08	11-12-08	EPA 200.8	QC-2F
10 97 ND 23 ND mpled: 11-0 1000 ND ND	2.0 1.0 50 2.0 0.50 07-08 08:40	11 11 11	0 11 11	11 . 11	11	U U	11	QC-2I
97 ND 23 ND mpled: 11-0 1000 ND ND	1.0 50 2.0 0.50 07-08 08:40	11 11 11	n n	11 11	11	U U	11	
ND 23 ND mpled: 11-0 ND ND ND	50 2.0 0.50 07-08 08:40	11 11	If	11	tt	u .		
23 ND mpled: 11-0 1000 ND ND	2.0 0.50 07-08 08:40	11	ır .	n			11	
ND mpled: 11-0 1000 ND ND	0.50 07-08 08:40	11			11			QC-2I
mpled: 11-0 1000 ND ND	07-08 08:40		11			U	11	
1000 ND ND		Received		и.	n	II.	11	
ND ND	200		i: 11-10-0	8 09:40				
ND	200	μg/L	10	CR09497	11-11-08	11-12-08	EPA 200.8	
	2.0	Ħ	1	11	n	IT		
	1.0	n	11	II.	H	It	"	
990	500	II.	10	IP	H	If	If	
3.0	2.0	If	I	n,	II.	11	It	
ND	0.50	II	ŧI	, tt	II	п	н	
pled: 11-07	7-08 08:53	Received:	11-10-08	09:40				
190	100	μg/L	5	CR09497	11-11-08	11-12-08	EPA 200.8	
ND	2.0	II	I	**	It	11	n	
71	1.0	II	tt	. 11	H	tt .	п	
500	250	R	5	11	H ·	. 11	"	
9.3	2.0	B	1		н	11	11	
ND	0.50	u .	Ħ	n	11	11	11	
pled: 11-07	7-08 09:25 1	Received:	11-10-08	09:40				
ND	20	μg/L	1	CR09497	11-11-08	11-12-08	EPA 200.8	QC-2I
ND	2.0	H	11	**	11	11	tt.	
ND	1.0	11	11	11	u	и .	н	
ND	50	n	11	11	11	11	н	QC-21
ND	2.0	tt	11	11	n	u .	Ħ	
ND	0.50	Ħ	11	11	u	If	It	
led: 11-07-(08 10:45 R	eceived: 1	1-10-08 0	9:40				
280	200	μg/L	10	CR09497	11-11-08	11-12-08	EPA 200.8	
	2.0	11	1	Ħ	tt	11	п	
ND	10	11	10	11	11	11	II .	
ND 1400	500	11	n	tt	11	If	II .	
	ND	ND 2.0 1400 10	ND 2.0 " 1400 10 "	ND 2.0 " 1 1400 10 " 10	ND 2.0 " 1 " 1400 10 " 10 "	ND 2.0 " 1 " " 1400 10 " 10 " "	ND 2.0 " 1 " " " 1400 10 " 10 " " "	ND 2.0 " 1 " " " " 1400 10 " 10 " " " "

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CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114

Project: Walker Mine Project Number: PCA 13180

CLS Work Order #: CRK0319

COC#: 94810,13

Metals by EPA 200 Series Methods

Project Manager: Jeff Huggins

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
WM-19 Pond (CRK0319-05) Water San	pled: 11-07-	08 10:45 Rec	eived:	11-10-08 0	9:40				
Zinc	98	2.0	μg/L	1	CR09497	ı	11-12-08	EPA 200.8	
Cadmium ·	0.64	0.50	19	**	11	II	· II	If	
WM-4 48" Culvert (CRK0319-06) Water	Sampled: 1	1-07-08 11:00	Rece	ived: 11-10	-08 09:40				
Aluminum	160	40	μg/L	2	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	11	1	11	n	11	н	
Copper	54	1.0	11	If	11	ıı	11	II	
Iron	390	100	11	2	It	ır	*1	II	
Zinc .	7.2	2.0	11	1	н	ır	u	н	
Cadmium	ND	0.50	*11	It	Ħ	11	n	11	
WM-9 Browns Cabin (CRK0319-07) Wat	er Sampled	: 11-07-08 11:	20 Re	ceived: 11	-10-08 09:	40			
Aluminum	150	100	μg/L	5	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	H	1	п	11	If	H	
Copper	14	1.0	и	u	tt.	n	II.	11	
Iron	690	250	H	5	If	n	11	"	
Zinc	2.7	2.0	и	1	11	n	ti .	11	
Cadmium	ND	0.50	H	II.	II	n	11	"	
WM-8 LGC Below DC (CRK0319-08) Wa	iter Sample	d: 11-07-08 1	1:35 F	Received: 1	1-10-08 09	:40	•		
Aluminum	170	100	μg/L	5	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	II.	1	п	Ħ	II	11	
Copper	13	1.0	11	. "	u .	n	H	11	
Iron	750	250	11	5	**	n	п	11	
Zinc	3.2	2.0	11	1	tt.	n	II	11	
Cadmium	ND	0.50	II.	11	н	н	11	11	
WM-7 LGC Above DC (CRK0319-09) Wa	ater Sample	ed: 11-07-08 1	1:45 F	Received: 1	1-10-08 09	2:40			
Aluminum	200	100	μg/L	5	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	11	1	н .	If	"	,	
Copper	10	1.0	u	п	11	lt.	**	n	
Iron	770	250	H	. 5	II .	11	11	Ħ	
Zinc	2.4	2.0	11	1	11	"	. "	tr	
Cadmium	ND	0.50	11	11	II .	II.	. 11	IT	
WM-6 USFS Dam (CRK0319-10) Water	Sampled: 11	-07-08 11:50	Receiv	ved: 11-10-	08 09:40				

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CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114 Project: Walker Mine Project Number: PCA 13180

Project Manager: Jeff Huggins

CLS Work Order #: CRK0319

COC #: 94810,13

Metals by EPA 200 Series Methods

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
WM-6 USFS Dam (CRK0319-10) Water Sampled: 11-0	7-08 11:50	Receive	ed: 11-10-	08 09:40				
Aluminum	ND	20	μg/L	1	CR09497	11-11-08	11-12-08	EPA 200.8	QC-2I
Arsenic	ND	2.0	11	11	If	. 11	11	11	
Copper	37	1.0	u	#	l†	II	11	11	
Iron	500	250	n	5	, "	11	Ħ	11	
Zinc	7.1	2.0	**	1	11	11	11	11	
Cadmium	ND	0.50	ii	"	п	11	11	11	
WM-7B (CRK0319-11) Water	Sampled: 11-07-08 12:0	5 Received	l: 11-10-(08 09:40					
Aluminum	140	100	μg/L	5	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	."	1	11	. 11	n	*11	
Copper	40	1.0	It	н	11	Ħ	Ħ	11	
Iron	780	250	11	5	11	u .	11	n	
Zinc	4.5	2.0	11	1	Ħ	11	11	Ħ	
Cadmium	ND	0.50	11	It	11	11	It	II	
WM-7C (CRK0319-12) Water	Sampled: 11-07-08 12:1	0 Received	l: 11-10-0	08 09:40					
Aluminum	320	200	μg/L	10	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	11	1	If	"	**	11	
Copper	ND	1.0	11	11	H	ti	fI	11	
Iron	1000	500	11	10	11	Ħ	. tr	11	•
Zinc	2.4	2.0	11	1	ti	11	11	11	
Cadmium	ND	0.50	11	11	n,	11	Ħ	11	
WM-7A (CRK0319-13) Water	Sampled: 11-07-08 12:3	0 Received	l: 11-10-(08 09:40					
Aluminum	120	100	μg/L	5	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	11	1 .	11	"	Tt	11	
Copper	53	1.0	11	11	ŧ	11	u	H	
Iron	660	250	11	5	H	11	11	II.	
Zinc	8.6	2.0	11	1	n	11	n	II	
Cadmium	ND	0.50	11	n	U	11	. 11	II	
WM-12 MBWC (CRK0319-14)	Water Sampled: 11-07-	-08 13:40 I	Received	: 11-10-08	09:40				
Aluminum	72	20	μg/L	1	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	· ND	2.0	II	"	*1	11	Ħ	"	
Copper	5.8	1.0	11	Ħ	11		. "	11	
Iron	61	50	II.	**	н	11			

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CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114 Project: Walker Mine

Project Number: PCA 13180

CLS Work Order #: CRK0319 COC #: 94810,13

Project Manager: Jeff Huggins

Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-12 MBWC (CRK0319-14) Water	Sampled: 11-0	7-08 13:40	Receive	d: 11-10-08	8 09:40				
Zinc	2.5	2.0	μg/L	1	CR09497	11	11-12-08	EPA 200.8	
Cadmium	ND	0.50	11	11	11	11	n	Ħ	
WM-13 Nye Creek (CRK0319-15) Water	er Sampled: 1	1-07-08 13:5	0 Recei	ved: 11-10	-08 09:40				
Aluminum	ND	20	μg/L	1	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	11	. 11	11	И	n	u	•
Copper	ND	1.0	n	11	II	H	n	n	
Iron	ND	50	11	If	n	н	n	11	QC-2H
Zinc	2.2	2.0	11	11	11	It	11	н	
Cadmium	ND	0.50	11	11	u	II	. "	11	
WM-17 NBWC (CRK0319-16) Water	Sampled: 11-0	7-08 14:00	Received	l: 11-10-08	09:40				
Aluminum	ND	20	μg/L	1	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	II	II .	ti	11	11	11	
Copper	ND	1.0	#	"	11	tt.	11	II ·	
Iron	ND	50	H	"	11	11	u	u	QC-2H
Zinc	2.3	2.0	u	n	II.	**	n	11	
Cadmium	ND	0.50	11	11	If	".	н	11	

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114

Project: Walker Mine Project Number: PCA 13180

CLS Work Order #: CRK0319 Project Manager: Jeff Huggins COC #: 94810,13

Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
WM-1 Portal (CRK0319-01) Water	Sampled: 11-07-0	08 09:15 Re	ceived: 1	1-10-08 09	9:40				
Aluminum	ND	20	μg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	11	5.0	11	#1	II.	"	n n	ıı .	
Copper	91	2.0	11	۳.	19	"	ti	If .	
Iron	ND	50	. "	u	II.	11	"	If	
Zinc	22	2.0	I†	н	If	II	u	II	
Cadmium	ND	0.50	It	#1	n	. 4	Ħ	If	
WM-5 LGC/U/S (CRK0319-02) Wate	er Sampled: 11-0	7-08 08:40	Receive	d: 11-10-08	8 09:40				
Aluminum	390	100	μg/L	5	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	11	1	n	II	n	11	
Copper	ND	2.0	11	n	11	н	11	11	
Iron	400	250	11	5	Ħ	н	tt.	Ħ	
Zinc	3.1	2.0	n	1	Ħ	II	H	n .	
Cadmium	ND	0.50	11	n	11	11	11	"	
WM-3 DC-D/S (CRK0319-03) Water	Sampled: 11-07	-08 08:53 I	Received:	11-10-08	09:40				
Aluminum	110	20	μg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	11	II	11	11	11	11	
Copper	50	2.0	11	H	ti	11	If	11	
Iron	290	100	II.	2	n	11	II	11	
Zinc	8.2	2.0	11	1	Ħ	н	II ,	п	
Cadmium	ND	0.50	11	п	11	11	H	11	
WM-2 DC-U/S (CRK0319-04) Water	Sampled: 11-07	-08 09:25 I	Received:	11-10-08	09:40				
Aluminum	ND	20	μg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	II	11	Ħ	"	Ħ	u u	
Copper	ND	2.0	n	11	Ħ	11	11		
Iron	ND	50	n	11	Ħ	11	- 11	. "	
Zinc	2.6	2.0	n	19	ti	W ,	11	"	
Cadmium	ND	0.50	. "	U	Ħ	H	Ħ	II	
WM-19 Pond (CRK0319-05) Water	Sampled: 11-07-0	08 10:45 Re	ceived: 1	11-10-08 09	9:40				
Aluminum	ND	20	μg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	11	H	11	11	11	It	
Copper	790	10	н	5	"	"	11	Ħ	
Iron	ND	50	If	1	н	11	11	11	

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CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114 Project: Walker Mine

Project Number: PCA 13180

Project Manager: Jeff Huggins

CLS Work Order #: CRK0319

COC #: 94810,13

Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
WM-19 Pond (CRK0319-05) Water Sam	pled: 11-07-	08 10:45 Rec	eived:	11-10-08 0	9:40		:		
Zinc	91	2.0	μg/L	1	CR09478	11	11-12-08	EPA 200.8	
Cadmium	0.57	0.50	n	n	Ħ	11	n	11	
WM-4 48" Culvert (CRK0319-06) Water	Sampled: 1	1-07-08 11:00	Rece	ived: 11-1(0-08 09:40				
Aluminum	93	20	μg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	11	Ħ	11	**	Ħ	"	
Copper	40	2.0	U	u	n	17	ti .	11	
Iron	280	100	u	2	n	IT	tt	11	
Zinc	7.1	2.0	11	1	н .	n	. 11	11	
Cadmium	ND	0.50	U	n	ıı	II.	*1	11	
WM-9 Browns Cabin (CRK0319-07) Wate	er Sampled	l: 11-07-08 11:	20 Re	ceived: 11	-10-08 09:4	10			
Aluminum	93	20	μg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	11	II	11	If	ŧ	11	
Copper	12	2.0	11	11	11	11	**	11	
Iron	520	250	11	5	17	11	ti .	11	
Zinc	3.6	2.0	11	1	11	11	n	11	
Cadmium	ND	0.50	n	II	11	17	ŧ	11	
WM-8 LGC Below DC (CRK0319-08) Wa	ter Sample	ed: 11-07-08 1	1:35 F	Received: 1	1-10-08 09	:40			
Aluminum	100	20	μg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	u	n	. "	"	и	11	
Copper	9.3	2.0	n	Ħ	11	. "	ti	n	
Iron	560	250	n	5		II.	н	11	
Zinc	2.9	2.0	u	1	n	9	n	11	•
Cadmium	ND	0.50	11	n	Ħ	11	11	11	
WM-7 LGC Above DC (CRK0319-09) Wa	ter Sample	ed: 11-07-08 1	1:45 F	Received: 1	1-10-08 09	:40			
Aluminum	110	20	μg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	#	. 11	11	н	11	II	
Copper	8.2	2.0	11	11	n	н	11	11	
Iron	560	250	11	. 5	11	11	11	U	
Zinc	3.5	2.0	19	1	R	ii.	11	· ·	
Cadmium	ND	0.50	n	н	If	.u	II	II.	
WM-6 USFS Dam (CRK0319-10) Water	Sampled: 1	1-07-08 11:50	Receiv	ved: 11-10-	-08 09:40				

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CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114 Project: Walker Mine

Project Number: PCA 13180 Project Manager: Jeff Huggins CLS Work Order #: CRK0319

COC #: 94810,13

Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Not
WM-6 USFS Dam (CRK0319-10) Water	Sampled: 1	1-07-08 11:50	Receiv	ved: 11-10-	08 09:40				***
Aluminum	ND	20	μg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	Ħ	11	*1	11	II .	11	
Copper	30	2.0	**	rı .	11	11	n	11	
Iron ·	370	100	n	2	H	Ħ	11	n	
Zinc	6.7	2.0	11	1	**	11	U	11	
Cadmium	ND	0.50	**	ti .	**	II	U	. "	
WM-7B (CRK0319-11) Water Sample	d: 11-07-08 12	:05 Received	: 11-10	-08 09:40			****		
Aluminum	71	20	μg/L	. 1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	**	11	"	It	0	11	
Copper	34	2.0	"	**	"	II	n	11	
Iron	460	250	"	5	. "	11	н	11	
Zinc	5.1	2.0	**	1	#	11	n .	11	
Cadmium	ND	0.50	11	*1	11	it .	u	"	
WM-7C (CRK0319-12) Water Sample	d: 11-07-08 12	:10 Received	: 11-10	-08 09:40					
Aluminum	160	20	μg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	n	. 11	II	II .	11	II	
Copper	ND	2.0	n	. 11		. "	11	II	
Iron	580	250	n	5	. "	H	"	II	
Zinc	3.2	2.0	**	1	ย	Ħ	II	. "	
Cadmium	ND	0.50	#	H	11	Ħ	II	. "	
WM-7A (CRK0319-13) Water Sample	d: 11-07-08 12	:30 Received	: 11-10	-08 09:40					
Aluminum	73	20	μg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	Ħ	II	If	11	tt	*1	
Copper	43	2.0	H	19	If	II	"	"	
Iron	540	250	ŧi	5	17	n	. "	11	
Zinc	7.3	2.0	et e	1	11	n	11	11	
Cadmium	ND	0.50	#1	11	. 11	н	11		
WM-12 MBWC (CRK0319-14) Water	Sampled: 11-	07-08 13:40 J	Receive	d: 11-10-08	3 09:40				
Aluminum	47	20	μg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	11	11	11	11	ŧt	11	
Copper	5.2	2.0	11	и	H	11	II	"	
Iron ·	ND	50	0	II	11	11	er ,	•	

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CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114 Project: Walker Mine

Project Number: PCA 13180

Project Manager: Jeff Huggins

CLS Work Order #: CRK0319

COC #: 94810,13

Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-12 MBWC (CRK0319-14) Water	Sampled: 11-0	7-08 13:40	Receive	d: 11-10-08	3 09:40				
Zinc	3.7	2.0	μg/L	1	CR09478	11	11-12-08	EPA 200.8	
Cadmium	ND	0.50	ti	11	11	u	n	11	
WM-13 Nye Creek (CRK0319-15) Wate	r Sampled: 1	1-07-08 13:50	0 Recei	ved: 11-10	-08 09:40				
Aluminum	ND	20	μg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	n	**		11	11	11	
Copper	ND	2.0	. 11		11	н	II .	п	
Iron .	ND	50	"	n	u	11	11	11	
Zinc	3.2	2.0	и	ti	11	11	U	11	
Cadmium	ND	0.50	11	н	n·	"	11	II	
WM-17 NBWC (CRK0319-16) Water	Sampled: 11-0	7-08 14:00 I	Received	: 11-10-08	09:40				
Aluminum	ND	20	μg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic '	ND	5.0	H	n	n	"	11	Ħ	
Copper	ND	2.0	#	n	· n	"	H	n .	
Iron	ND	50	11	n	n	. "	ti	11	
Zinc	2.1	2.0	R	11	"	H	tt .	11	
Cadmium	ND	0.50	11	n	ıı	, H	Ħ	n	

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CRWQCB - Sacramento

11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: PCA 13180

Project Manager: Jeff Huggins

CLS Work Order #: CRK0319

COC #: 94810,13

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR09454 - General Preparation		-								
Blank (CR09454-BLK1)				Prepared	& Analyze	ed: 11-10-	08			
Hexavalent Chromium	ND	10	μg/L							
Hexavalent Chromium, Dissolved	ND	10	11							
LCS (CR09454-BS1)				Prepared	& Analyze	ed: 11-10-	08			
Hexavalent Chromium	275	10	μg/L	250		110	85-115			
Hexavalent Chromium, Dissolved	275	10	11	250		110	80-120			
LCS Dup (CR09454-BSD1)				Prepared	& Analyzo	ed: 11-10-	08			
Hexavalent Chromium	. 285	10	μg/L	250		114	85-115	3	20	
łexavalent Chromium, Dissolved	285	10		250		114	80-120	3	20	
Matrix Spike (CR09454-MS1)	So	urce: CRK03	19-01	Prepared	& Analyze	ed: 11-10-	08			
Hexavalent Chromium	274	10	μg/L	250	ND	110	85-115			
lexavalent Chromium, Dissolved	274	10	н	250	ND	110	80-120			
Matrix Spike Dup (CR09454-MSD1)	So	urce: CRK03	19-01	Prepared	& Analyze	ed: 11-10-0	08			
Hexavalent Chromium	274	10	μg/L	250	ND	110	85-115	0	20	
lexavalent Chromium, Dissolved	274	10	н	250	ND	110	80-120	0	20	
Batch CR09457 - General Preparation										
Blank (CR09457-BLK1)				Prepared	& Analyze	ed: 11-10-0	08			
Specific Conductance (EC)	ND	1.0 į	μmhos/cn		,					
Batch CR09470 - General Prep										
Blank (CR09470-BLK1)				Prepared	& Analyze	ed: 11-11-	08			
Sulfate as SO4	ND	0.50	mg/L							
Chloride	ND	0.50								

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CRWQCB - Sacramento

11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: PCA 13180

Project Manager: Jeff Huggins

CLS Work Order #: CRK0319

COC #: 94810,13

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch CR09470 - General Prep										
LCS (CR09470-BS1)				Prepared	& Analyze	ed: 11-11-	08			
Sulfate as SO4	5.28	0.50	mg/L	5.00		106	80-120			
Chloride	1.97	0.50	11	2.00		99	80-120			
LCS Dup (CR09470-BSD1)				Prepared	& Analyz	ed: 11-11-	08			
Chloride	1.97	0.50	mg/L	2.00		. 99	80-120	0.2	20	
Sulfate as SO4	5.18	0.50	II	5.00		104	80-120	2	20	
Matrix Spike (CR09470-MS1)	So	urce: CRK03	322-01	Prepared	& Analyz	ed: 11-11-	08			
Chloride	48.5	0.50	mg/L	2.00	48.9	NR	75-125			QM-42
Sulfate as SO4	43.5	0.50	11	5.00	39.7	75	75-125			
Matrix Spike Dup (CR09470-MSD1)	So	urce: CRK03	322-01	Prepared	& Analyze	ed: 11-11-	08			
Chloride	48.4	0.50	mg/L	2.00	48.9	NR	75-125	0.2	25	QM-4X
Sulfate as SO4	43.7	0.50	It	5.00	39.7	80	75-125	0.6	25	
Batch CR09491 - General Preparation										
Blank (CR09491-BLK1)				Prepared:	11-11-08	Analyzed	1: 11-13-08	3		
Total Dissolved Solids	ND	10	mg/L							
Duplicate (CR09491-DUP1)	So	urce: CRK03	26-03	Prepared:	11-11-08	Analyzed	i: 11-13-08	3		
Total Dissolved Solids	566	10	mg/L		566			0	20	
Batch CR09493 - General Preparation										
Blank (CR09493-BLK1)				Prepared	& Analyze	ed: 11-11-	08			
Methylene Blue Active Substances	ND	0.10	mg/L							

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CRWQCB - Sacramento

11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: PCA 13180 Project Manager: Jeff Huggins CLS Work Order #: CRK0319

COC #: 94810,13

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch CR09493 - General Preparation									-	
LCS (CR09493-BS1)				Prepared	& Analyze	ed: 11-11-	08			
Methylene Blue Active Substances	0.489	0.10	mg/L	0.500		98	80-120			
LCS Dup (CR09493-BSD1)				Prepared	& Analyze	ed: 11-11-	08		•	
Methylene Blue Active Substances	0.498	0.10	mg/L	0.500		100	80-120	2	20	
Matrix Spike (CR09493-MS1)	So	urce: CRK03	33-01	Prepared	& Analyze	ed: 11-11-	08			
Methylene Blue Active Substances	0.503	0.10	mg/L	0.500	ND	101	75-125			
Matrix Spike Dup (CR09493-MSD1)	So	urce: CRK03	33-01	Prepared	& Analyze	d: 11-11-	08			
Methylene Blue Active Substances	0.499	0.10	mg/L	0.500	ND	100	75-125	0.8	25	
Batch CR09496 - General Preparation										
Blank (CR09496-BLK1)		•		Prepared	& Analyze	d: 11-11-	08	•		
Total Alkalinity	ND	5.0	mg/L							
3 icarbonate as CaCO3	ND	5.0	11							
Carbonate as CaCO3	ND	5.0	11							
Hydroxide as CaCO3	ND	5.0	11							
Duplicate (CR09496-DUP1)	So	urce: CRK03	19-08	Prepared	& Analyze	ed: 11-11-	08			
Total Alkalinity	62.2	5.0	mg/L		61.8			0.6	20	
Bicarbonate as CaCO3	62.2	5.0	Ħ		61.8			0.6	20	
Carbonate as CaCO3	ND	5.0	II		ND				20	
Hydroxide as CaCO3	ND	5.0	11		ND				20	
Batch CR09505 - 6010A/No Digestion										
Blank (CR09505-BLK1)				Prepared:	11-11-08	Analyzed	1: 11-12-08	3		
Calcium	ND	1.0	mg/L							
Magnesium	ND	1.0	a							
Potassium	ND .	1.0	n							-
Sodium	ND	1.0	11							
Hardness as CaCO3	ND	1.0	Ħ							

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CRWQCB - Sacramento

11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: PCA 13180

Project Manager: Jeff Huggins

CLS Work Order #: CRK0319

COC #: 94810,13

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR09505 - 6010A/No Digestion										
LCS (CR09505-BS1)				Prepared:	11-11-08	Analyzed	i: 11 - 12-08	3		
Calcium .	9.36	1.0	mg/L	10.0		94	80-120			
Magnesium	9.11	1.0	n	10.0		91	80-120			
Potassium	9.35	1.0	н '	10.0		93.	80-120			
Sodium	9.28	1.0	н	10.0		93	80-120			
LCS Dup (CR09505-BSD1)				Prepared:	11-11-08	Analyzed	l: 11-12-08	3		
Calcium	9.49	1.0	mg/L	10.0		95	80-120	1	20	
Magnesium	9.24	1.0	н	10.0		92	80-120	1	20	
Potassium	9.55	1.0	n	10.0		96	80-120	2	20	
Sodium	9.41	1.0		10.0	•	94	80-120	1	20	
Matrix Spike (CR09505-MS1)	So	urce: CRK02	37-01	Prepared:	11-11-08	Analyzed	l: 11-12-08	3		
Calcium	198	1.0	mg/L	10.0	198	1	75-125			QM-4
Magnesium	69.5	1.0	n	10.0	63.7	58	75-125			QM-4.
Potassium	12.3	1.0	n	10.0	3.21	90	75-125			
Sodium	89.8	1.0	n	10.0	85.2	47	75-125			QM-42
Matrix Spike Dup (CR09505-MSD1)	So	urce: CRK02	37-01	Prepared:	11-11-08	Analyzed	l: 11-12-08	3		
Calcium	202	1.0	mg/L	.10.0	198	42	75-125	2	25	QM-42
Magnesium	71.5	. 1.0	19	10.0	63.7	78	75-125	. 3	25	
Potassium	13.0	1.0	11	10.0	3.21	98	75-125	6	25	
Sodium	93.2	1.0	11	10.0	85.2	81	75-125	4	25	
Batch CR09658 - 6010A/No Digestion						•				
Blank (CR09658-BLK1)				Prepared:	11-17-08	Analyzed	l: 11-18-08	3		
Calcium	ND	1.0	mg/L							
Magnesium	ND	1.0	и.							
Potassium	ND	1.0	n							
Sodium	ND	1.0	n			•				
Hardness as CaCO3	ND	1.0	11							

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CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114 Project: Walker Mine

Project Number: PCA 13180

CLS Work Order #: CRK0319

Project Manager: Jeff Huggins COC #: 94810,13

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR09658 - 6010A/No Digestion							·			
LCS (CR09658-BS1)				Prepared:	11-17-08	Analyzed	l: 11 - 18-08			
Calcium	9.18	1.0	mg/L	10.0		92	80-120			
Magnesium	8.85	1.0	18	10.0		88	80-120			
Potassium	9.30	1.0	11	10.0		93	80-120			
Sodium	9.09	1.0	11	10.0		91	80-120			
LCS Dup (CR09658-BSD1)				Prepared:	11-17-08	Analyzed	l: 11-18-08			
Calcium	9.25	1.0	mg/L	10.0		93	80-120	0.8	20	
Magnesium	8.90	1.0	ŧI	10.0	•	89	80-120	0.6	20	
Potassium	9.47	1.0	tt	10.0		95	80-120	2	- 20	
Sodium	9.17	1.0	Ħ	10.0		92	80-120	0.9	20	
Matrix Spike (CR09658-MS1)	So	urce: CRK03	25-01	Prepared:	11-17-08	Analyzed	l: 11-18-08			
Calcium	82.0	1.0	mg/L	10.0	74.9	70	75-125			QM-4X
Magnesium	172	1.0	H	10.0	170	20	75-125			QM-4X
Potassium	42.3	1.0	11	10.0	35.0	73	75-125			QM-7
Sodium	127	1.0	19	10.0	122	48	75-125			QM-4X
Matrix Spike Dup (CR09658-MSD1)	So	urce: CRK03	25-01	Prepared:	11-17-08	Analyzed	l: 11-18-08			
Calcium	81.0	1.0	mg/L	10.0	74.9	61	75-125	1	25	QM-4X
Magnesium	170	1.0	11	10.0	170	0	75-125	1	25	QM-4X
Potassium	41.7	1.0	11	10.0	35.0	67	75-125	1	25	QM-7
Sodium	126	1.0	11	10.0	122	34	75-125	1	25	QM-4X

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CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114 Project: Walker Mine

Project Number: PCA 13180

Project Manager: Jeff Huggins

CLS Work Order #: CRK0319

COC #: 94810,13

Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR09497 - EPA 3020A										
Blank (CR09497-BLK1)				Prepared:	11-11-08	Analyzed	i: 11-12-08	;		
Aluminum	ND	20	μg/L						-	
Arsenic	ND	2.0	н							
Copper	ND	1.0	н							
Iron	ND	50	11							
Zinc	ND	2.0	11							
Cadmium	ND	0.50	. 11							
LCS (CR09497-BS1)				Prepared:	11-11-08	Analyzed	i: 11-12-08	;		
Aluminum	106	20	μg/L	100		106	80-120			
Arsenic	. 104	2.0	11	100		104	80-120			
Copper	102	1.0	11	100		102	80-120			
Iron	89.1	50	11	100		89	80-120			•
Zinc	102	2.0	11	100		102	80-120			
Cadmium	10.5	0.50	11	10.0		105	80-120			
LCS Dup (CR09497-BSD1)				Prepared:	11-11-08	Analyzed	l: 11-12-08	}		
Aluminum	110	20	μg/L	100		110	80-120	3	20	
Arsenic .	104	2.0	u	100		104	80-120	0.5	20	
Copper	104	-1.0	n.	100		104	80-120	2	20	
Iron	100	50	11	100		100	80-120	12	20	
Zinc	106	2.0	11	100		106	80-120	4	20	
Cadmium	10.9	0.50	11	10.0		109	80-120	4	20	
Matrix Spike (CR09497-MS1)	So	urce: CRK03	19-01	Prepared:	11-11-08	Analyzed	l: 11-12-08	}		
Aluminum	. 113	20	μg/L	100	ND	113	75-125			
Arsenic	116	2.0	"	100	10.3	105	75-125		•	
Copper	196	1.0	н	100	97.4	.99	75-125			
Iron	146	50	II	100	ND	146	75-125			QN
Zinc	121	2.0	If	100	22.7	99	75-125 -			
Cadmium	10.8	0.50	If	10.0	ND	108	75-125		•	

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11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: PCA 13180

Project Manager: Jeff Huggins

CLS Work Order #: CRK0319

COC #: 94810,13

Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR09497 - EPA 3020A										•
Matrix Spike Dup (CR09497-MSD1)	So	urce: CRK03	19-01	Prepared:	11-11-08	Analyzed	l: 11-12-08			
Aluminum	111	20	μg/L	100	ND	111	75-125	2	25	
Arsenic	113	2.0	0	100	10.3	103	75-125	2	25	
Copper	192	1.0	If	100	97.4	94	75-125	2	25	
Iron	178	50	If	100	ND	178	75-125	19	25	QM-7
Zinc	116	2.0	17	100	22.7	93	75-125	5	25	
Cadmium	10.5	0.50	If	10.0	ND	105	75-125	3	25	

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Project: Walker Mine

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CLS Work Order #: CRK0319

COC #: 94810,13

Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR09478 - EPA 3020A	41									
Blank (CR09478-BLK1)				Prepared:	11-11-08	Analyzed	I: 11-12-08			
Aluminum	ND	20	μg/L							
Arsenic	ND	5.0	11							
Copper	ND	2.0	11							
Iron	ND	50	11							
Zinc	ND	2.0								
Cadmium	ND	0.50	11						*	
LCS (CR09478-BS1)				Prepared:	11-11-08	Analyzed	i: 11-12-08			
Aluminum	113	20	μg/L	100		113	80-120			
Arsenic	107	5.0	0.	100		107	80-120			•
Copper	109	2.0	n	100		109	80-120			
Iron	129	50	n	100		129	80-120			QM-
Zinc	104	2.0	11	100		104	80-120			
Cadmium	11.0	0.50	11	10.0		110	80-120			
LCS Dup (CR09478-BSD1)				Prepared:	11-11-08	Analyzed	1: 11-12-08			
Aluminum	109	20	μg/L	100		109	80-120	4	20	
Arsenic	106	5.0	lf.	100		106	80-120	1	20	
Copper.	107	2.0	11	100		107	80-120	2	20	
Iron	114	50	H	100		114	80-120	13	20	
Zinc	105	2.0	11	100		105	80-120	0.06	20	
Cadmium	10.8	0.50	*1	10.0		108	80-120	1	20	
Matrix Spike (CR09478-MS1)	Source: CRK0319-16		Prepared: 11-11-08 Analyzed: 11-12-08							
Aluminum	105	. 20	μg/L	100	ND	105	75-125			
Arsenic	109	5.0		100	ND	109	75-125			
Copper	104	2.0	n	100	ND	104	75-125			
Iron	97.1	50	*1	100	ND	97	75-125			
Zinc	110	2.0	u	100	2.10	108	75-125			
Cadmium	11.2	0.50	11	10.0	ND	112	75-125			

CALIFORNIA LABORATORY SERVICES

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RPD

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Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: PCA 13180

Spike

Source

CLS Work Order #: CRK0319

%REC

Project Manager: Jeff Huggins

COC#: 94810,13

Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch CR09478 - EPA 3020A								<u>.</u>		****
Matrix Spike Dup (CR09478-MSD1)	Source: CRK0319-16			Prepared: 11-11-08 Analyzed: 11-12-08						
Aluminum	108	20	μg/L	100	ND	108	75-125	2	25	
Arsenic	108	5.0	n	. 100	ND	108	75-125	0.6	25	
Copper	101	2.0	n	100	ND	101	75-125	3	25	
Iron	98.0	50	u	100	ND	98	75-125	. 1	.25	
Zinc	104	2.0	ti	. 100	2.10	102	75-125	5	25	
Cadmium	10.9	0.50	11	10.0	ND	109	75-125	3	25	

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CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114 Project: Walker Mine

Project Number: PCA 13180 Project Manager: Jeff Huggins CLS Work Order #: CRK0319 COC #: 94810,13

Notes and Definitions

QM-7	The spike recovery was outside acceptance limits for the MS and/or MSD.	The batch was accepted based on acceptable
	LCS/LCSD recovery.	

- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- QM-1 The spike recovery was outside acceptance limits for the LCS or LCSD. The batch was accepted based on acceptable MS/MSD recoveries & RPD's.
- QC-2H The recovery of one CCV was greater than the acceptance limit. However, all analytes in the associated samples were ND; therefore a reanalysis was not performed.
- HT-F This is a field test method and it is performed in the lab outside holding time.
- HT-1 The sample was received outside of the EPA recommended holding time.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference